

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/034040

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01B/22 C09D5/24 C09D11/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01B C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 101 10 450 A1 (GROS, GEORG) 19 September 2002 (2002-09-19) page 2, line 5 - line 68; table 1	1-26
X	DE 40 11 867 A1 (HERBERTS GMBH, 5600 WUPPERTAL, DE) 17 October 1991 (1991-10-17) claims 1-8; examples 8-12	1-26
X	WO 03/078531 A (UNITECH CORPORATION, LLC; LEGRANDE, WAYNE, B) 25 September 2003 (2003-09-25) examples 1-6	1-26
Y	US 5 061 551 A (DURAND ET AL) 29 October 1991 (1991-10-29) column 4, line 21 - column 28, line 54	1-28
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

17/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 93/24934 A (FIRST CLASS SECURITIES LIMITED) 9 December 1993 (1993-12-09) cited in the application page 1 - page 6 -----	1-28

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PC1/US2004/034040

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 10110450	A1	19-09-2002	CA 2439769 A1 WO 02070616 A1 EP 1373420 A1 JP 2004531597 T US 2004115438 A1	12-09-2002 12-09-2002 02-01-2004 14-10-2004 17-06-2004
DE 4011867	A1	17-10-1991	NONE	
WO 03078531	A	25-09-2003	WO 03078531 A1 AU 2002254143 A1 CA 2478175 A1 EP 1483342 A1 US 2004028859 A1	25-09-2003 29-09-2003 25-09-2003 08-12-2004 12-02-2004
US 5061551	A	29-10-1991	US 4863757 A US 4960614 A CA 1335190 C US 5047260 A US 5036128 A US 5006397 A US 5180513 A AT 142405 T DE 68927098 D1 EP 0402546 A2 JP 3024788 A US 5093038 A	05-09-1989 02-10-1990 11-04-1995 10-09-1991 30-07-1991 09-04-1991 19-01-1993 15-09-1996 10-10-1996 19-12-1990 01-02-1991 03-03-1992
WO 9324934	A	09-12-1993	AU 4339493 A EP 0705479 A1 WO 9324934 A1	30-12-1993 10-04-1996 09-12-1993